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## **MODULE II - GENERAL FACILITY CONDITIONS**

### **II.A. DESIGN AND OPERATION OF FACILITY**

II.A.1. The Permittee shall comply with R315-8-3.2.

#### **II.A.2 Compliance Schedule**

II.A.2.a The Permittee shall not initiate any treatment or storage activity in the Lewisite Neutralization System (LNSC) until after conclusion of Facility Construction Inspection, testing of waste feed cut-offs, and other preoperational checks have been completed and the Executive Secretary has issued written approval.

II.A.2.b The Permittee shall not initiate any treatment or storage activity in the LNSC until the Executive Secretary has approved the Monitoring and Analytical Quality Assurance and Quality Control plans for monitoring and laboratory testing and analysis associated with the LNSC project.

II.A.2.c The Permittee shall not initiate any treatment or storage activity in the LNSC until the Executive Secretary has approved SOP's for analytical methods specified in Table 2.1 of Attachment 2 which are currently under development by the Army.

### **II.B. CONSTRUCTION CERTIFICATION**

II.B.1. Construction certification shall be in accordance with Condition I.S. and R315-3-10(I)(2).

II.B.2. The Permittee shall not place into service any unit until the Executive Secretary has in writing accepted the construction certification for that unit.

### **II.C. RECEIPT OF OFFSITE WASTE PROHIBITED**

The Permittee shall not receive any materials from locations other than the Deseret Chemical Depot (DCD) for treatment in the Lewisite Neutralization System at CAMDS (LNSC).

### **II.D. WASTE MANAGEMENT**

II.D.1. The Permittee shall comply with R315-3-5(b)(2). The procedures for obtaining this data shall be specified in a waste analysis plan, in accordance with Condition II.D.2.

- II.D.2. The Permittee shall comply with R315-3-5(b)(3), R315-8-2.4. (40 CFR 264.13 incorporated by reference), and Attachment 2, Waste Analysis Plan.
- II.D.3. Laboratory methods shall be the appropriate method specified in Test Methods for Evaluating Solid Waste: Physical/Chemical Methods SW-846 (SW-846), prevailing edition, or Standard Methods of Examination of Water and Wastewater, prevailing edition.
- II.D.4. In accordance with R315-8-2.4, the Permittee shall maintain a copy of Attachment 2, Waste Analysis Plan, at the CAMDS site until the Lewisite Neutralization System (LNSC) CAMDS facility is closed and certified in accordance with R315-8-7.
- II.D.5. All analysis conducted pursuant to this permit, with the exception of chemical agent analysis, shall be performed by a laboratory which has been certified by the Utah Bureau of Laboratory Improvement for the analysis being performed.
- II.D.6. Agent analysis shall be conducted in the CAMDS SAF laboratory and the laboratory at building 541.
- II.D.7. Each source ton container of Lewisite agent shall be thoroughly described in accordance with the Waste Analysis Plan, Attachment 2. The description shall include the weight of the ton container prior to removing anything, the lot number of the ton container, the color of the Lewisite, and a general description of the appearance of the agent.
- II.D.8. Each ton container of Lewisite agent shall be analyzed according to the Waste Analysis Plan, Attachment 2, prior to being treated. The analytical results and data shall be submitted to the Executive Secretary, before the Lewisite may be introduced into the process.
- II.D.9. Drained ton containers shall be stored by the Permittee in a permitted hazardous waste storage area until thorough rinsing has been accomplished in accordance with the Waste Analysis Plan, Attachment 2.
- II.D.10. Empty ton containers generated from the treatment of the Lewisite agent shall be managed as a hazardous waste.
- II.D.11. The effluent from the Lewisite neutralization process shall be managed as a hazardous waste.
- II.D.12. The effluent shall be characterized in accordance with the Waste Analysis Plan, Attachment 2, prior to additional treatment.

- II.D.13. Process equipment that may be potentially contaminated with Lewisite shall be managed as a hazardous waste, unless it is demonstrated that the equipment is not contaminated with Lewisite agent.

**II.E. SECURITY PROCEDURES**

The Permittee shall comply with R315-3-5(b)(4) and R315-8-2.5.

**II.F. INSPECTION SCHEDULES**

- II.F.1. The Permittee shall comply with R315-3-5(b)(5) and R315-8-2.6.
- II.F.2. In accordance with R315-3-5(b)(5), R315-8-2.6(b) and R315-5-5, the Permittee shall maintain a copy of the current Inspection Schedules, at the CAMDS site until the Lewisite Neutralization System (LNSC) facility is closed and certified in accordance with R315-8-7.

**II.G. TRAINING PLAN**

- II.G.1. The Permittee shall comply with R315-8-2.7., R315-8-2.7(d)., R315-8-2.7(e).
- II.G.2. The Permittee shall maintain a copy the current Personnel Training Plan, at the CAMDS site until the Lewisite Neutralization System (LNSC) facility is closed and certified in accordance with R315-8-7.
- II.G.3. All personnel associated with activities conducted in the Lewisite Neutralization System (LNSC) shall be fully trained on the LNSC site operating and emergency procedures. This training shall be documented in a training record for each LNSC employee.
- II.G.4. Procedures shall be developed to address potential dangers associated specifically with the Lewisite Neutralization System (LNSC) activities.
- II.G.4.a. These procedures shall be added to the training for employees working on activities associated with the LNSC.
- II.G.4.b. Compliance with Condition II.G.4. shall be documented in a training record for each LNSC employee.

**II.H. PREPAREDNESS AND PREVENTION**

The Permittee shall comply with R315-8-3.

**II.I. CONTINGENCY PLAN**

- II.I.1. The Permittee shall comply with R315-8-4.
- II.I.2. In accordance with R315-8-4, the Permittee shall maintain a copy of the Contingency Plan, at the CAMDS site until the Lewisite Neutralization System (LNSC) facility is closed and certified in accordance with R315-8-7.

**II.J. RECORD KEEPING**

- II.J.1. The Permittee shall comply with R315-8-5.3 and Conditions I.Y., and II.G.

**II.K. REPORTING**

- II.K.1. The Permittee shall comply with R315-8-5.3 and Conditions I.P., I.Z., I.AA., and I.BB.

**II.L. CLOSURE**

- II.L.1. The Permittee shall comply with R315-8-7.
- II.L.2. In accordance with R315-8-7, the Permittee shall maintain a current copy of Attachment 3, *Closure of the U.S. Army Chemical Agent Munitions Disposal Lewisite Test Processes* plan (Site Plan 91-01) at the CAMDS site until the LNSC is closed and certified in accordance with R315-8-7.
- II.L.3. Plan Update.
- II.L.3.a. The Permittee shall submit an updated closure plan specific to the Lewisite Neutralization System (LNSC) a minimum of 60 calendar days prior to initiating closure of the system.
- II.L.3.b. No closure activities may be conducted until the Permittee has received an approval for the updated plan from the Executive Secretary.
- II.L.4. Minor Deviations. Minor deviations from the approved closure procedures necessary to accommodate proper closure, shall be described in a narrative form with the closure certification statements.

- II.L.5. The Permittee shall describe the rationale for implementing minor changes as part of this narrative report. Within sixty calendar days after completion of closure the Permittee shall submit the certification statements and narrative report to the Executive Secretary.
- II.L.6. The Executive Secretary shall maintain the discretion to accept or reject any deviation from the approved plan.
- II.L.7. At the time of closure, metal scrap generated from the operation of the Lewisite Neutralization System (LNSC) shall be managed as a hazardous waste.
- II.L.8. The Permittee shall decontaminate or dispose of all Lewisite Neutralization System (LNSC) equipment in accordance with approved closure plan, Site Plan 91-01 and all subsequent revisions.
- II.L.9. The Permittee may conduct partial closure of the Lewisite Neutralization System (LNSC) units at the completion of the Lewisite neutralization testing.
- II.L.10. If partial closure of the Lewisite Neutralization System (LNSC) is conducted, the CAMDS RCRA operating permit shall be modified in accordance with R315-3-15 and R315-3-17 to add the LNSC units as partially closed units within CAMDS which still await final closure.

**II.M. FINANCIAL ASSURANCE FOR FACILITY CLOSURE**

As a Federal government entity, the Permittee is exempt from the closure financial assurance requirements, in accordance with R315-8-8.

**II.N. LIABILITY REQUIREMENTS**

As a Federal government entity, the Permittee is exempt from the liability coverage for sudden and accidental occurrence requirements, in accordance with R315-8-8.